

## PRE-CERCLIS SCREENING/NEW SITE ASSIGNMENT FORM

**EPA ID NUMBER:** Not Applicable

**SITE NAME:** Former Stop & Wash

**PREVIOUS NAMES (AKAs):** Ruthen Laundromat

**SITE LOCATION:**

**Street address:** 904 to 906 South Avenue

**City:** Plainfield

**State:** New Jersey

**Zip code:** 07006

**County:** Union

**BLOCK:** 621

**LOT:** 2

**LATITUDE (decimal degrees):** + 74.405526

**LONGITUDE (decimal degrees):** - 40.626453

- a. Accuracy meters: +/- 3 m
- b. Collection method: Interpolation: GIS
- c. Reference datum: NAD83
- d. Reference point: Center of Property
- e. Source map scale: 1:5,000
- f. Point/line/area: Point
- g. Collection date: 5/28/08

(See attachment 1 for available values)

**AVAILABLE SITE TYPE MAIN CATEGORIES:** Other

**AVAILABLE SITE TYPE MAIN SUBCATERGORIES:** Retail/commercial (e.g., dry cleaners)

(See attachment 2 for available values)

**COMPLETE THE FOLLOWING CHECKLIST.**

	YES	NO
1. Does the site already appear in CERCLIS?		X
2. Is there a known, suspected, or potential release of CERCLA hazardous substances?	X	
3. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?		X
4. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?		X
5. Is the release into a public or private drinking water supply due to deterioration of the water supply system through ordinary use?		X
6. Is some other program actively involved with the site (i.e., another Federal, State or Tribal program)?		X
7. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas,		X

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natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA or OSHA?		
8. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?		X
9. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, ASTM Phase I, II, etc. completed, EPA approved risk assessment completed)?		X

**EXPLAIN ALL YES ANSWERS:**

The site was the location of a coin operated laundromat with dry cleaning machines on site. The facility was demolished in 2007. There are no records of hazardous materials used within the dry cleaning machines and the former owners/operators do not have any records of solvents being used to operate the machine(s). Wells were installed adjacent to and downgradient of the former laundromat. The contaminants TCE and PCE have been detected in the groundwater.

Indoor air and subslab vapor samples had been collected within a children's day care facility that is located on the adjacent property. The indoor air samples exceeded exposure limits for PCE and TCE; therefore, a remediation system was installed inside the facility to limit human exposure to hazardous fumes.

**SITE DETERMINATION:**

    X     FURTHER ASSESSMENT IS RECOMMENDED. ENTER SITE INTO CERCLIS.

         THE SITE IS NOT RECOMMENDED FOR PLACEMENT INTO CERCLIS.

**DISCUSS DECISION AND RATIONALE:**

The Al and Jeans Children's Day Care facility is located at 912-914 South Avenue. This property is in an area of Plainfield, New Jersey with regional trichloroethylene (TCE) and tetrachloroethylene (PCE) ground water contamination. Al and Jean's Day Care leases approximately 3/4 of a shopping center building at 912-914 South Avenue property. A Preliminary Assessment and Site Inspection (PA/SI) Report, dated November 15, 1994, was prepared for the 912-914 South Avenue property that identified regional TCE and PCE groundwater had impacted both the shallow and deep ground water regimes in the Plainfield area.

In 1993, three monitor wells were installed and sampled for volatile organic compounds on the 912-914 South Avenue property to assess ground water quality as part of a pending real estate transaction. The compounds TCE and PCE were detected in the shallow ground water at concentrations above the NJDEP Ground Water Quality Standard (GWQS) of 1 part per billion (ppb). Ground water was determined to be flowing toward the northeast. The PA/SI indicated that the businesses associated with the 912-914 South Avenue property had never used or stored TCE or PCE at the site. The NJDEP determined that the chlorinated compounds detected in the monitor wells on site were from an unknown, upgradient source and not from former or current operations on-site.

In 2008, NJDEP personnel collected two rounds of indoor air and subslab vapor samples within the Al and Jeans Daycare facility. The compounds PCE and TCE were detected at concentrations above the action level for ambient air within Al and Jeans Daycare. In May 2008, NJDEP installed a vapor recovery and treatment system within the shopping center to treat hazardous fumes entering the facility from as off-site ground water contaminant plume.

The former Stop and Wash property is located at 904-906 South Avenue, adjacent to the southeastern boundary of the 912-914 South Avenue property. The former Stop and Wash facility consisted of a coin operated laundromat with self-serve dry cleaning machines. Ruthen Laundromat Inc. operated automatic laundry and dry cleaning machines at the Stop and Wash facility in 1962.

The Stop and Wash property and facility was purchased and operated by the Claude and Marisse Louissaint family from 1984 till approximately 1993. The Louissaint's daughter, Ms. Marsha Webb, helped run the business and stated that one dry cleaning machine did operate at the facility. Ms. Webb and her husband, Mr. Garland Webb, purchased the former Stop and Wash property in May 2006. Mr. and Mrs. Webb stated that they had no information or records regarding any chemicals used on site. According to the Webb's, the facility had not been operating and had been condemned by Union County officials. In 2007, Mr. Webb had the building demolished and then backfilled the property. Mr. Webb did not perform any other testing or environmental investigations at the former Stop and Wash property and knows of no previous environmental investigations for the property.

The NJDEP does not have any records regarding chemicals used on site for this facility. Currently the site is an undeveloped-commercial property with no standing structures. The former Stop and Wash facility is located adjacent to and upgradient from the Al and Jeans facility and is a possible source of shallow PCE and TCE ground water contamination that is impacting the day cares indoor air quality.

Checklist preparer: Kimberly Ward /   
Print name/signature

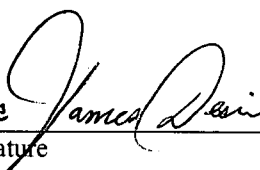
June 17, 2008  
Date

Title: Senior Geologist  
Date: June 17, 2008

Address: 300 Horizon Center, Trenton NJ

Phone Number: 609-584-4280

E-mail address: Kim.Ward@dep.state.nj.us

Regional EPA Reviewer: JAMES DESIR   
Print name/signature

7/25/08  
Date

## ATTACHMENT 1

### REQUIRED INFORMATION FOR SITE COORDINATES

Please provide Latitude and Longitude in decimal degrees.

- a. Accuracy meters: Describe the accuracy value as a range (+/-) of the latitude and longitude in meters +/- 3m

- b. Collection method: Describe the method used to determine the site coordinates.

☐ Address matching

☐ Block Face

☐ Digitized

☐ House Number

☐ Nearest Intersection

☐ Primary Name

☐ Street Centerline

☐ Other (specify) \_\_\_\_\_

☒ Interpolation

☐ Map

☐ Digital map source (TIGER)

☐ Photo

☐ Satellite

☐ MSS

☐ SPOT

☐ TM

☒ Other (specify) GIS

☐ Global Positioning System

☐ Carrier phase kinematic relative positioning technique

☐ Carrier phase static relative positioning technique

☐ Code measurements (pseudo range) differential (DGPS)

☐ Code measurements (pseudo range) precise positioning service

☐ Code measurements (pseudo range) standard positioning service SA off

☐ Code measurements (pseudo range) standard positioning service SA on

☐ GPS unspecified

☐ Public land Survey

☐ Footing

☐ Quarter section

☐ Eighth section

☐ Sixteenth section

☐ Section

☐ Census

☐ Block - 1990 - centroid

☐ Block/group - 1990 - centroid

☐ Block tract - 1990 - centroid

☐ Other (specify) \_\_\_\_\_

☐ Loran C

☐ Classical Surveying Techniques

☐ Zip Code Centroid

☐ Zip+2 Centroid

☐ Zip+4 Centroid

☐ Unknown

☐ Other (specify) \_\_\_\_\_

c. Reference Datum: Please describe the reference datum of the latitude and longitude

☐ NAD27

☒ NAD83

☐ WGS84

☐ Other (specify) \_\_\_\_\_

☐ Unknown

d. Reference Point: Describe the category of feature referenced by the site coordinates

☐ Administrative building

☐ Air monitoring station

☐ Air release

☐ Stack

☐ Vent

☐ Atmosphere emissions treatment unit

☐ Boundary point

☒ Center of facility/centroid

☐ Facility/station building entrance

☐ Intake point

☐ Lagoon or settling pond

☐ Liquid waste treatment unit

☐ Loading area centroid

☐ Loading facility

☐ Monitoring point

☐ Northeast corner of land parcel

☐ Northwest corner of land parcel

☐ Plant Entrance

☐ Freight

☐ General

☐ Personnel

☐ Process Unit

☐ Process Unit area centroid

☐ Southeast corner of land parcel

☐ Southwest corner of land parcel

☐ Solid waste treatment/disposal unit

☐ Solid waste storage area

☐ Water monitoring station

☐ Water release pipe

☐ Well

☐ Well protection area

☐ Within limits of groundwater plume

☐ Other (specify) \_\_\_\_\_

☐ Unknown

e. Source Map Scale: Describe the scale of the source used to determine the site coordinates

☐ 1:10,000

☐ 1:12,000

☐ 1:15,840

☐ 1:20,000

☐ 1:24,000

☐ 1:25,000

☐ 1:50,000

- ☐ 1:62,500
- ☐ 1:63,360
- ☐ 1:100,000
- ☐ 1:125,000
- ☐ 1:250,000
- ☐ 1:500,000
- ☐ None

☒ Other (specify) 1:5,000

☐ Unknown

f. Point/line/area: Describe the area defined by the coordinates

- ☐ Area
- ☐ Line
- ☒ Point
- ☐ Region
- ☐ Route
- ☐ Unknown

g. Collection Date: Please provide the date the site coordinates were obtained

## ATTACHMENT 2

### SITE TYPE MAIN CATEGORIES AND SUB CATEGORIES

#### **Manufacturing/processing/maintenance**

Chemicals and allied products  
Radioactive products  
Primary metals/mineral processing  
Oil and gas refining  
Metal fabrication/finishing/coating and allied industries  
Lumber and wood products/pulp and paper  
Lumber and wood products/wood preserving/treatment  
Plastics and rubber products  
Electronic/electrical equipment  
Coal gasification  
Ordnance production  
Coke production  
Trucks/ships/trains/aircraft and related components  
Tanneries  
Fabrics/textiles  
Other (please specify)

#### **Waste Management**

Municipal solid waste landfill  
Industrial waste landfill  
Co-disposal landfill (municipal and industrial)  
Industrial waste facility (non-generator)  
Radioactive waste treatment, storage, disposal (non-generator)  
Mine tailings disposal  
Illegal disposal/open dump  
Other (please specify)

#### **Recycling**

Batteries/scrap metals/secondary smelting/precious metal recovery  
Waste/used oil  
Automobiles/tires  
Drums/tanks  
Chemicals/chemical waste (e.g., solvent recovery)  
Other (please specify)

#### **Mining**

Coal  
Oil and gas  
Metals  
Non-Metal minerals  
Other (please specify)

#### **Other**

Treatment works/septic tanks/other sewage treatment  
Transportation (e.g., railroad yards, airport, barge docking site)  
Product storage/distribution  
Groundwater plume site with no identifiable source  
Contaminated sediment site with no identifiable source  
Retail/commercial (e.g., dry cleaners)  
Agricultural (e.g., grain elevators)  
Spill or other one time event  
Military  
Research, development, and testing facility  
Dust control  
Other (please specify)